

FIG. 1

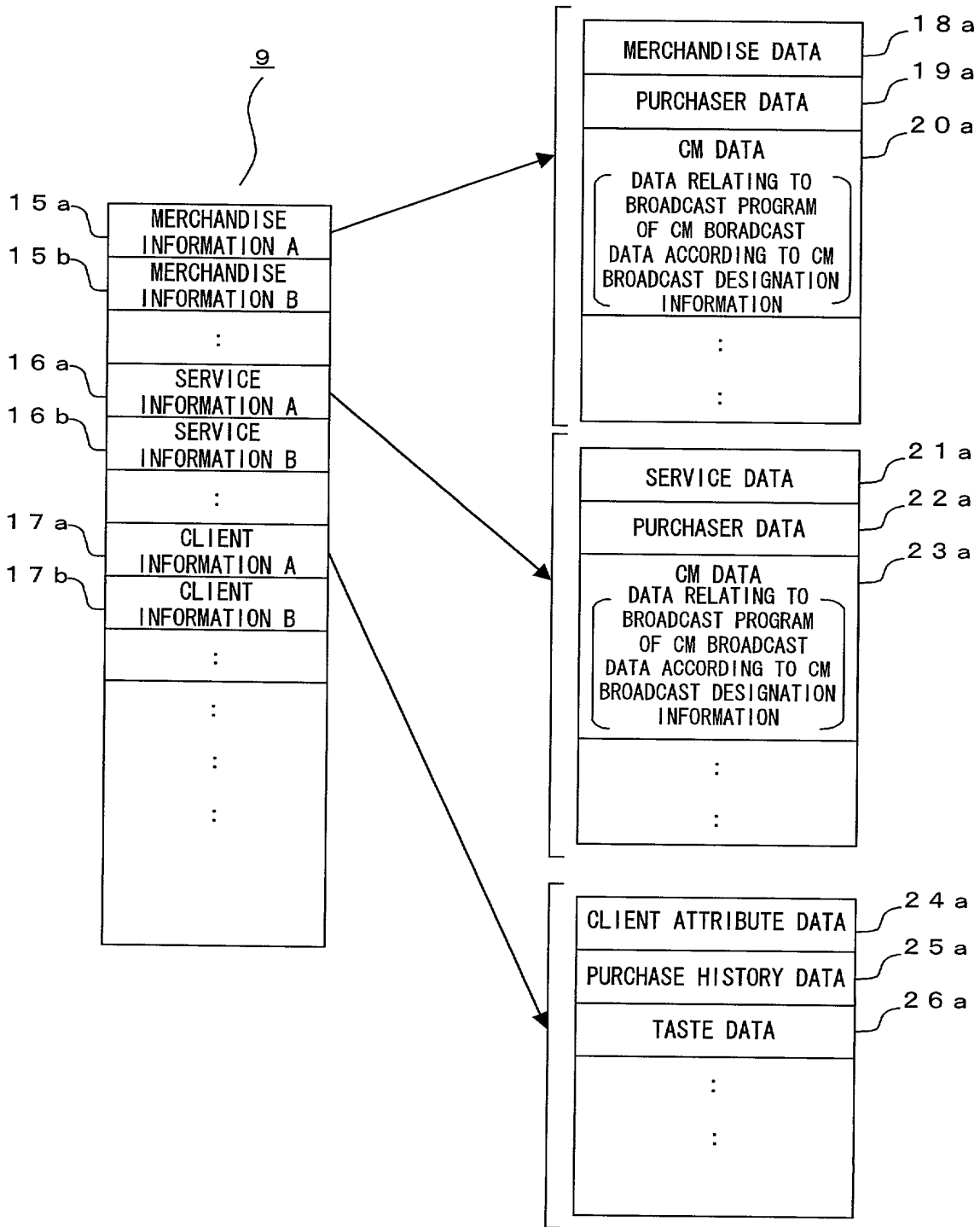


FIG. 2

```
<product>
  <name>A beer</name>
  <no>975357</no>
  <type>6bottles</type>
  <¥price> 1800</¥price>
  <characteristic>
    <taste>very bitter</taste>
    <degree>4%</degree>
    <material>hop, malt</material>
    <image src="image/Abeer.jpg"/>
  <characteristic>
</product>
```

F I G. 3

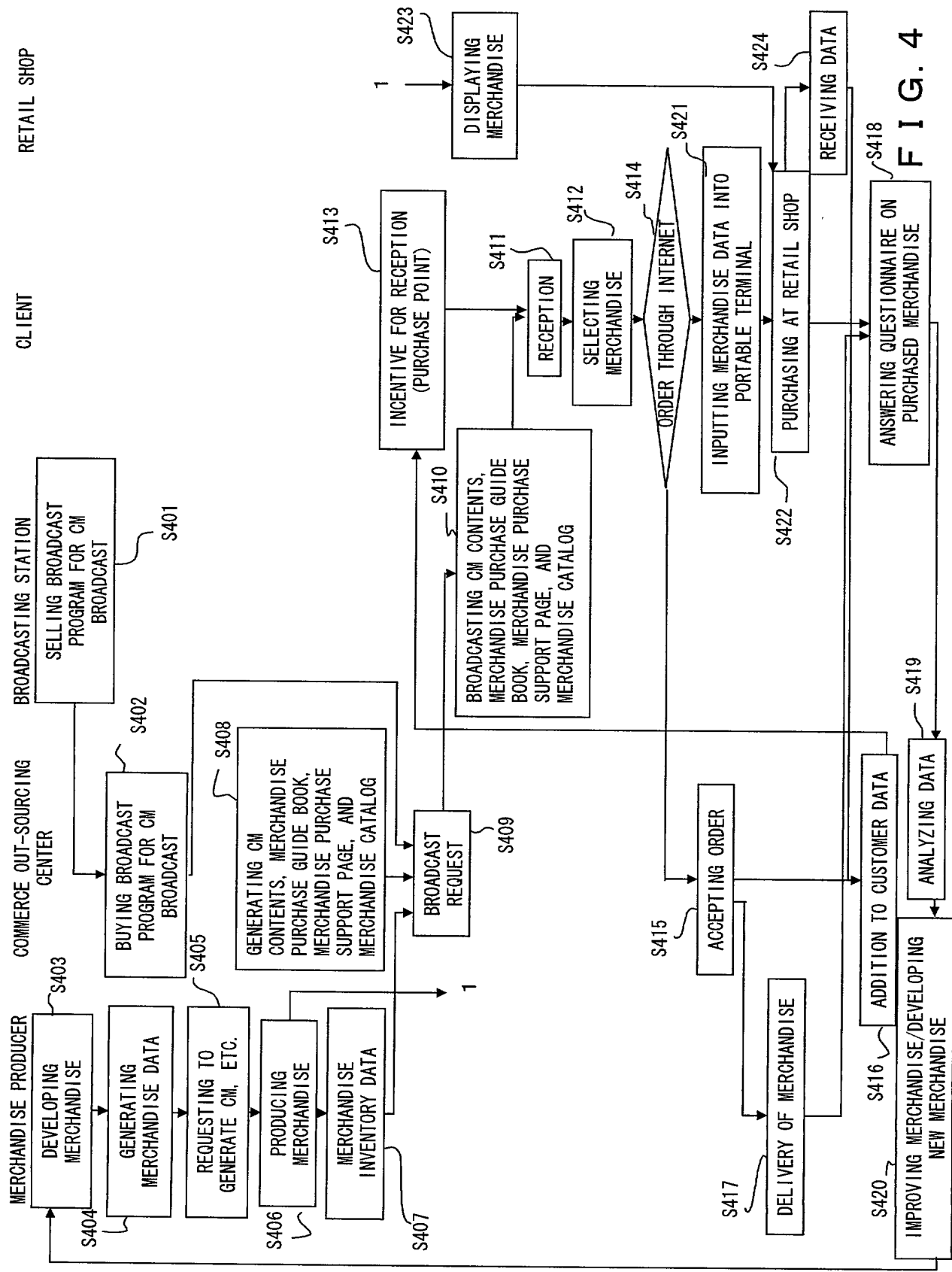


FIG. 4

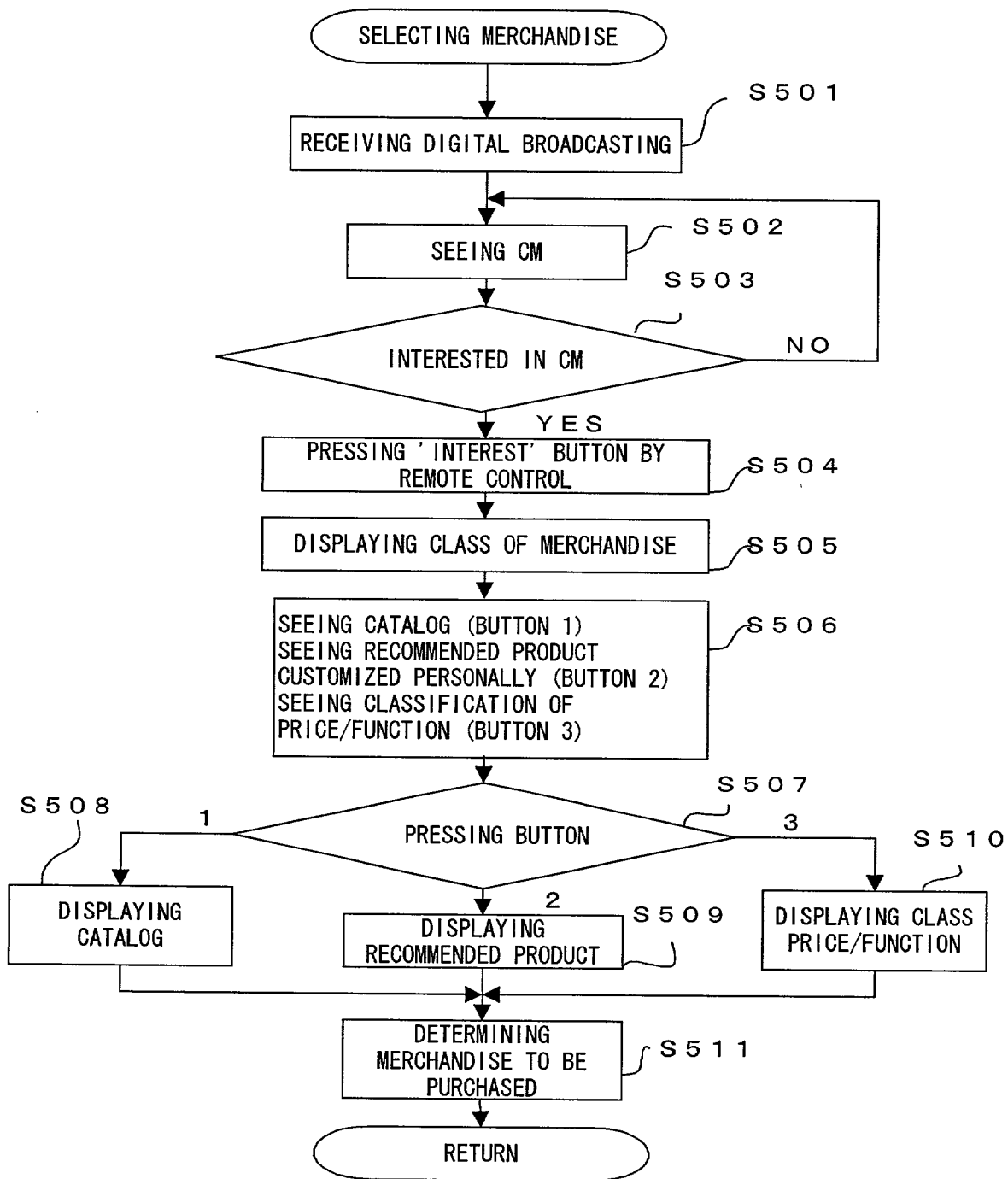


FIG. 5

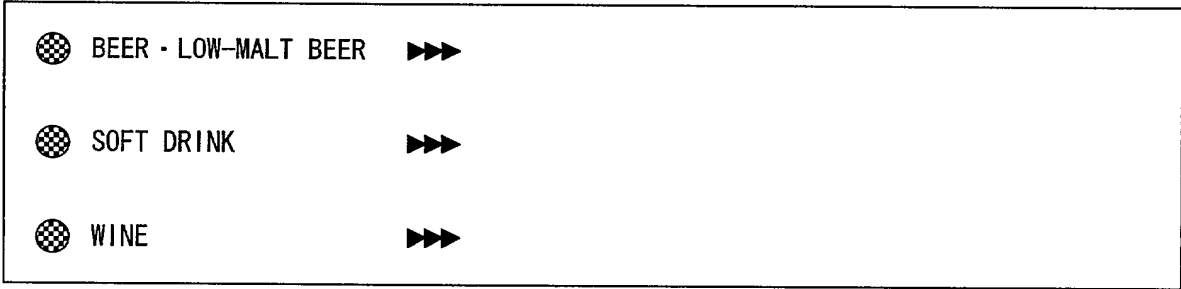


FIG. 6 A

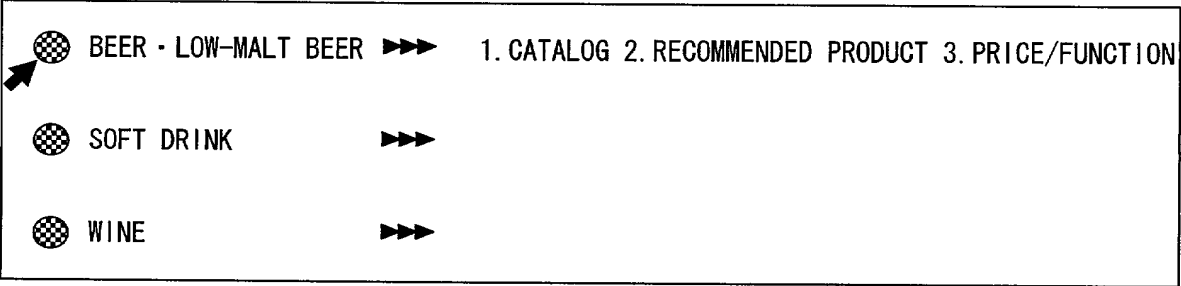


FIG. 6 B

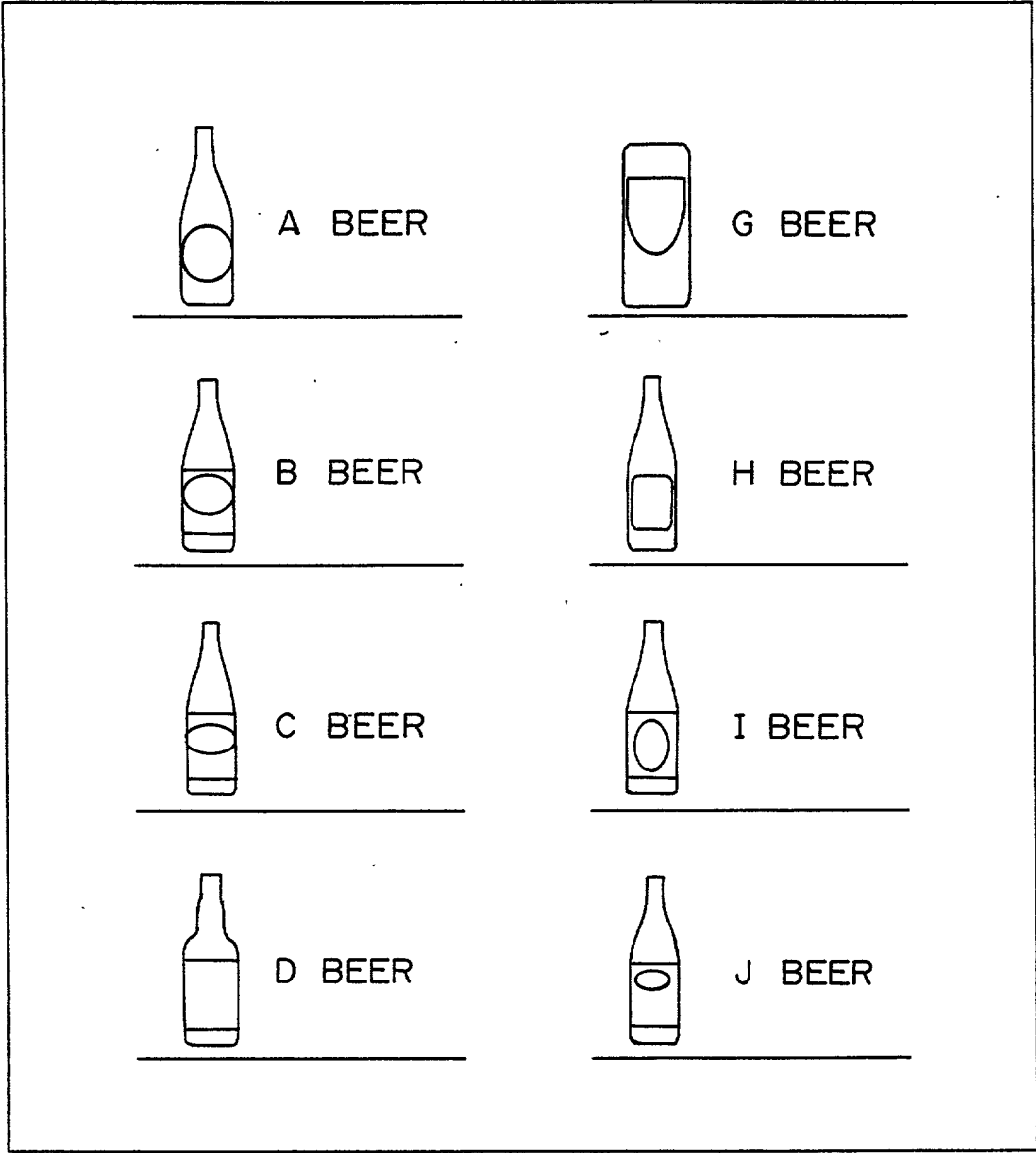


FIG. 7

```

50 {
  <cm>
    <title> BEER CM </title>
    <no> 43211234 </no>
    <housoukyoku > BSCDS </housoukyoku >
    <time> 20.10.05.11.2000 </time>
    <maker>BEER MAKER A</ maker>
  </cm>
51 {
  <body>
    <product1>
      <name> A BEER </name>
      <no> 975357 </no>
      <type> 6bottles </type>
      <¥price> 1800 </¥price>
      <characteristic>
        <taste>VERY BITTER</taste>
        <degree> 4% </degree>
        <material>HOP, MALT </ material>
        <image src = "image/Abeer.jpg"/>
      </characteristic>
    </product1>
    <product2>
      <name> B BEER </name>
      <no> 975360 </no>
      <type> 6bottles </type>
      <¥price> 1900 </¥price>
      <characteristic>
        <taste> NICE AND BITTER </taste>
        <degree> 4% </degree>
        <material> HOP </ material>
        <image src = "image/ Bbeer .jpg"/>
      </characteristic>
    </product2>
    .
    .
    .
  </body>

```

FIG. 8

RECOMMENDED BEER FOR YOU



No. 1 A BEER

TASTE: VERY BITTER
ALCOHOLIC DEGREE: NORMAL
PRICE: 1800 YEN / 6 BOTTLES



No. 2 H BEER

TASTE: STRONG AND BITTER
ALCOHOLIC DEGREE: LITTLE HIGH
PRICE: 2000 YEN / 6 BOTTLES

FIG. 9

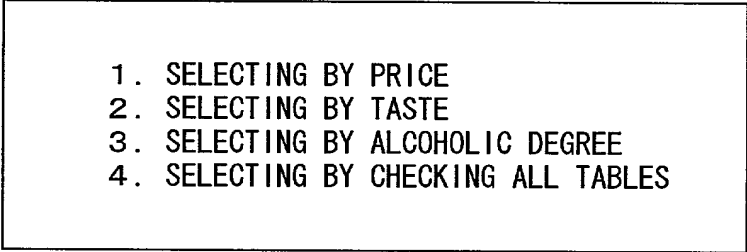
- 
1. SELECTING BY PRICE
 2. SELECTING BY TASTE
 3. SELECTING BY ALCOHOLIC DEGREE
 4. SELECTING BY CHECKING ALL TABLES

FIG. 10

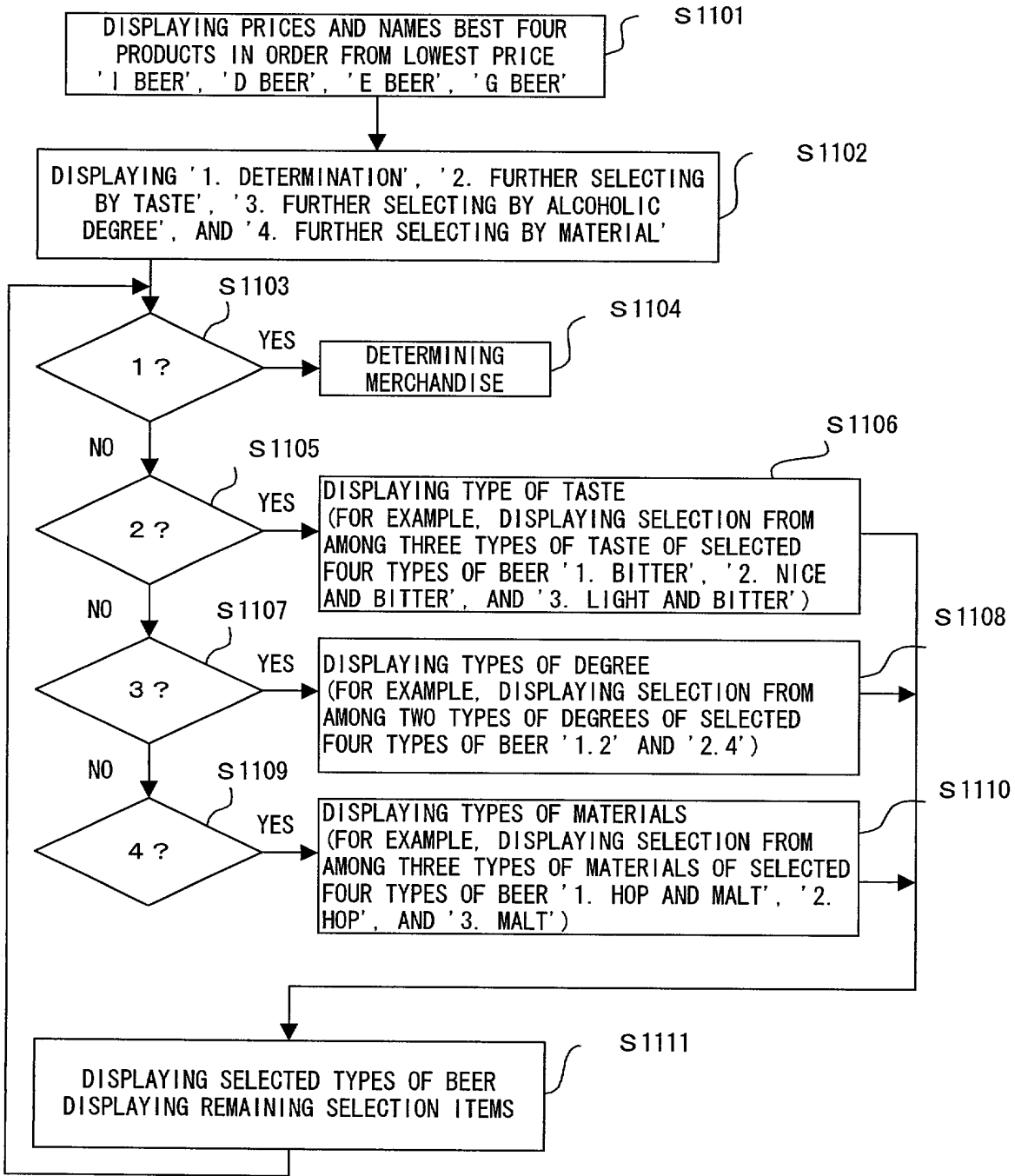


FIG. 11

U.S. GOVERNMENT PRINTING OFFICE: 1964 O 448-330

NAME OF PRODUCT	UNIT PRICE	TASTE	DEGREES	MATERIAL
A BEER	220	VERY BITTER	4	HOP AND MOLT
B BEER	220	NICE AND BITTER	4	HOP
C BEER	230	CLEAR AND BITTER	4	HOP
D BEER	210	BITTER	4	MOLT
E BEER	210	NICE AND BITTER	4	HOP
F BEER	220	VERY BITTER	5	HOP AND MOLT
G BEER	210	LIGHT AND BITTER	2	HOP AND MOLT
H BEER	230	DEEP AND BITTER	5	HOP AND MOLT
I BEER	190	BITTER	4	HOP AND MOLT
J BEER	240	NICE AND BITTER	4	MOLT
K BEER	220	CLEAR AND BITTER	4	MOLT

FIG. 12

```
<selectd>
  { 50 { <cm>
      <title>BEER CM </title>
      <no> 43211234 </no>
      <housoukyoku > BSCDS </housoukyoku >
      <time> 20.10.05.11.2000 </time>
      <maker>BEER MAKER A</ maker>
    } </cm>
  { 52 { <product>
      <name> A BEER </name>
      <prono> 975357 </prono>
      <type> 6bottles </type>
      <price> 1800 </price>
    } </product>
  } </selectd>
```

FIG. 13

```
<buy>
  <cm>
50 { <title> BEER CM </title>
    <no> 43211234 </no>
    <housoukyoku > BSCDS </housoukyoku >
    <time> 20.10.05.11.2000 </time>
    <maker>BEER MAKER A </ maker>
  </cm>
  <product>
52 { <name> A BEER </name>
    <no> 975357 </no>
    <type> 6bottles </type>
    <¥price> 1800 </¥price>
  </product>
53 { <quantity> 4 </quantity>
  <member>
54 { <no> 531973 </no>
    <old> 34 </no>
    <sex> MALE </sex>
    <familytype> 3 </ familytype>
  </member>
</buy>
```

FIG. 14

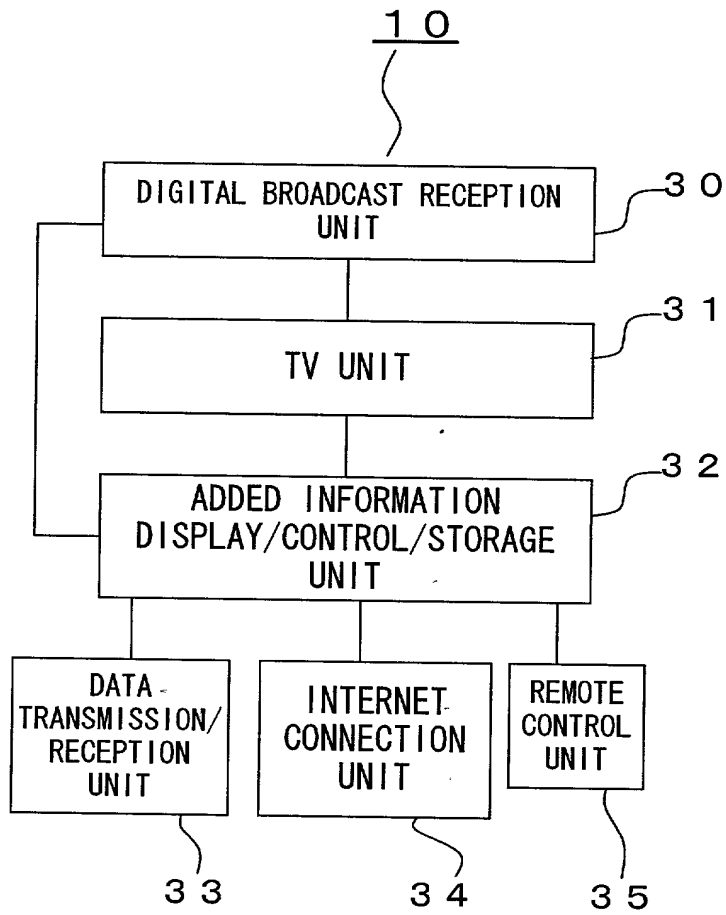


FIG. 15

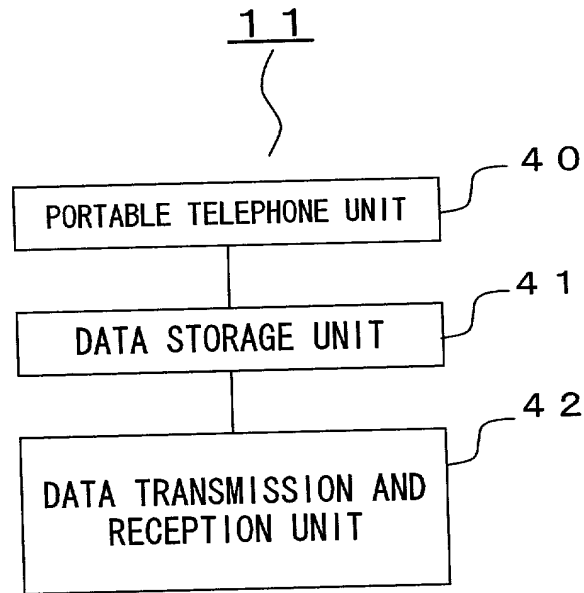


FIG. 16A

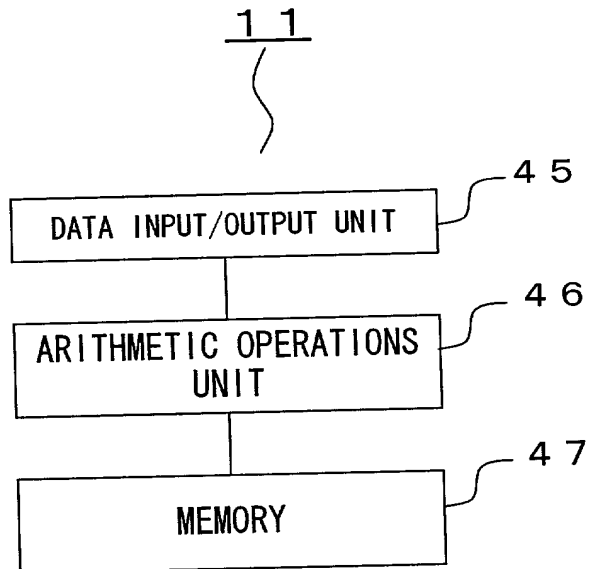


FIG. 16B

INTERNET SHOP

CLIENT

BROADCASTING STATION
SELLING BROADCAST PROGRAM
FOR CM BROADCAST

COMMERCE OUT-SOURCING
CENTER

MERCHANDISE PRODUCER

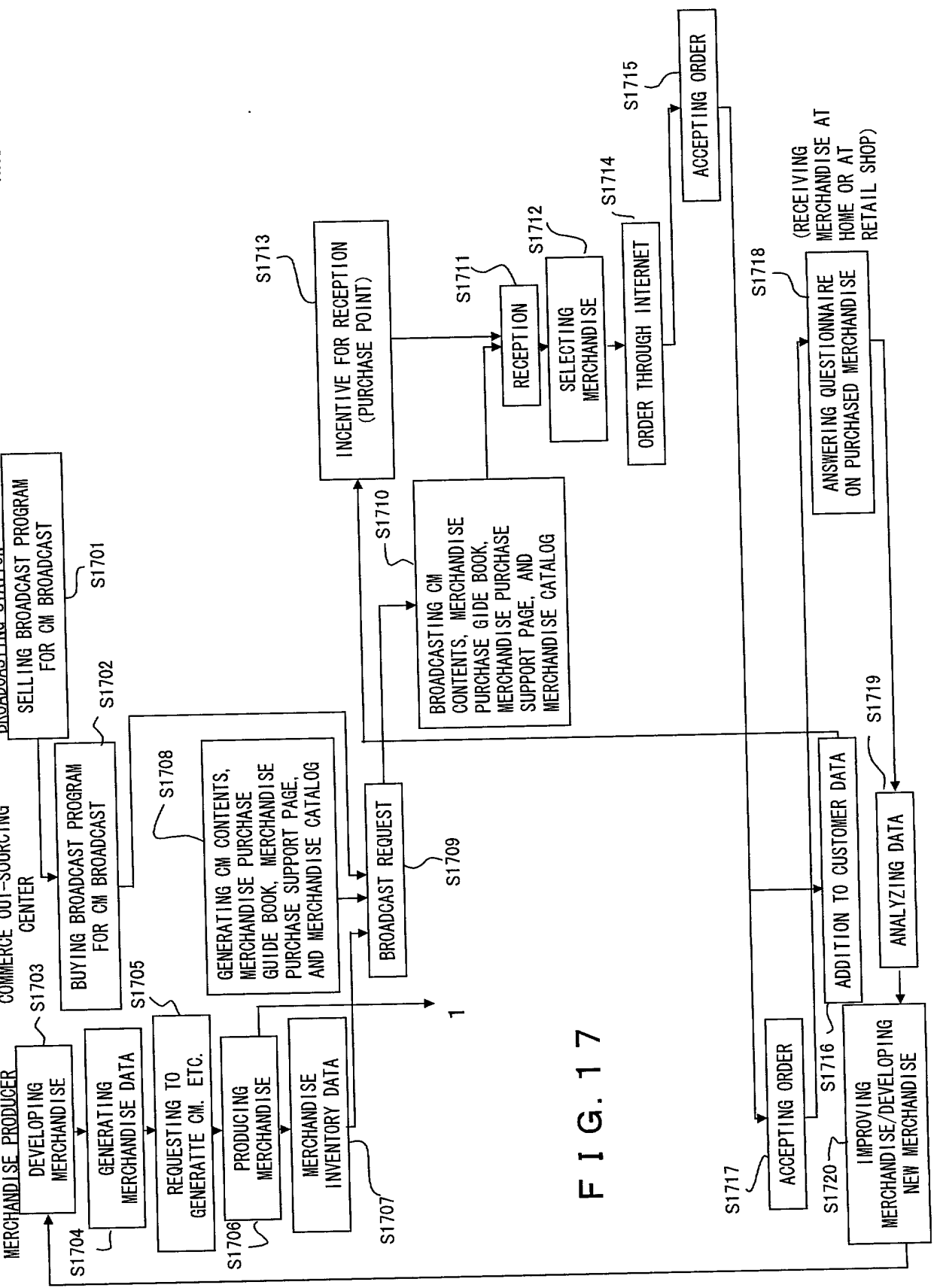


FIG. 17

FIG. 18 is a flowchart illustrating a process for managing commerce including CM (Content Management) and inventory state data for three makers (A, B, and C). The process starts with a broadcasting station and a commerce out-sourcing center, leading to various steps for buying, generating, determining, and broadcasting programs, and finally calculating changing costs based on inventory state data.

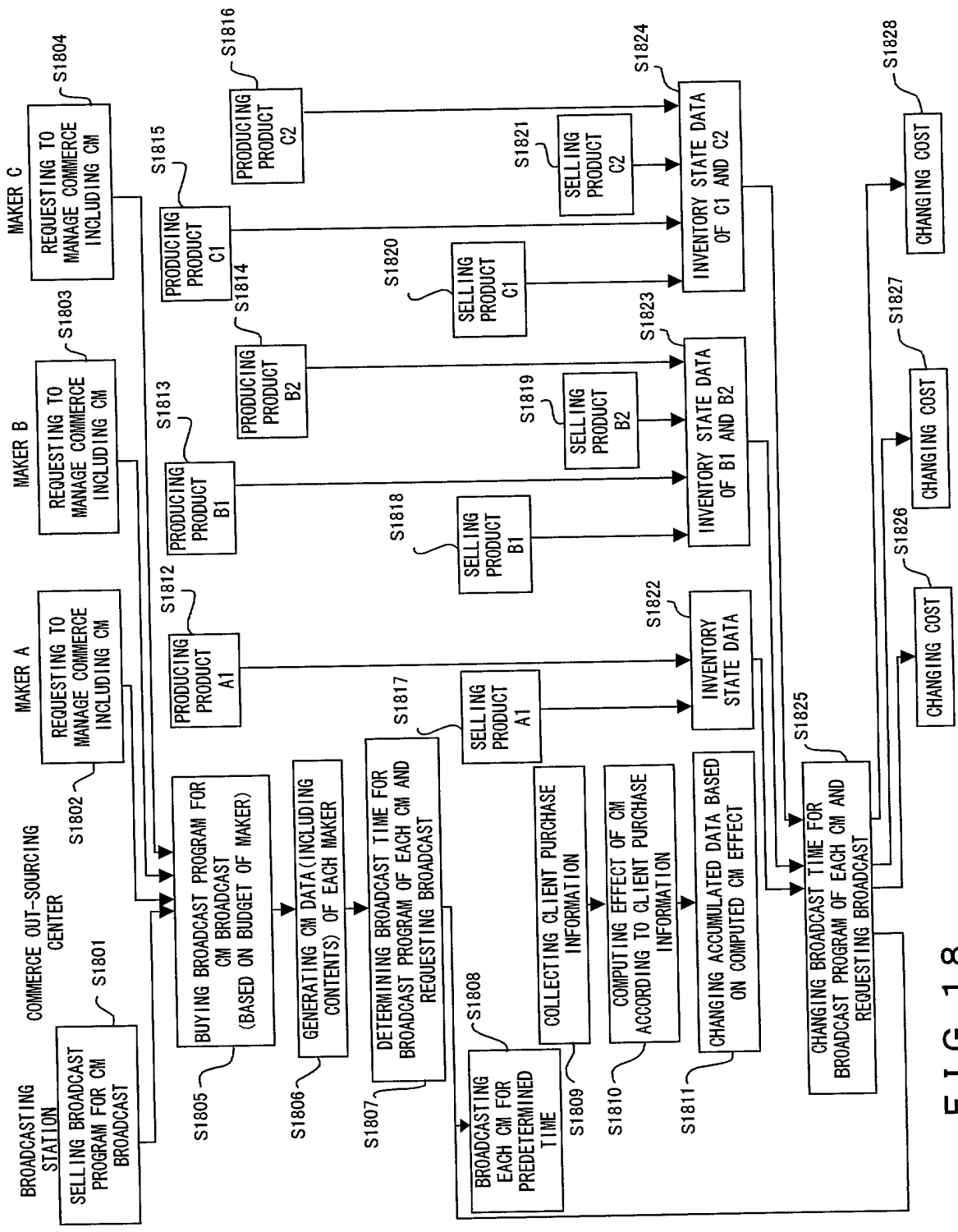


FIG. 18

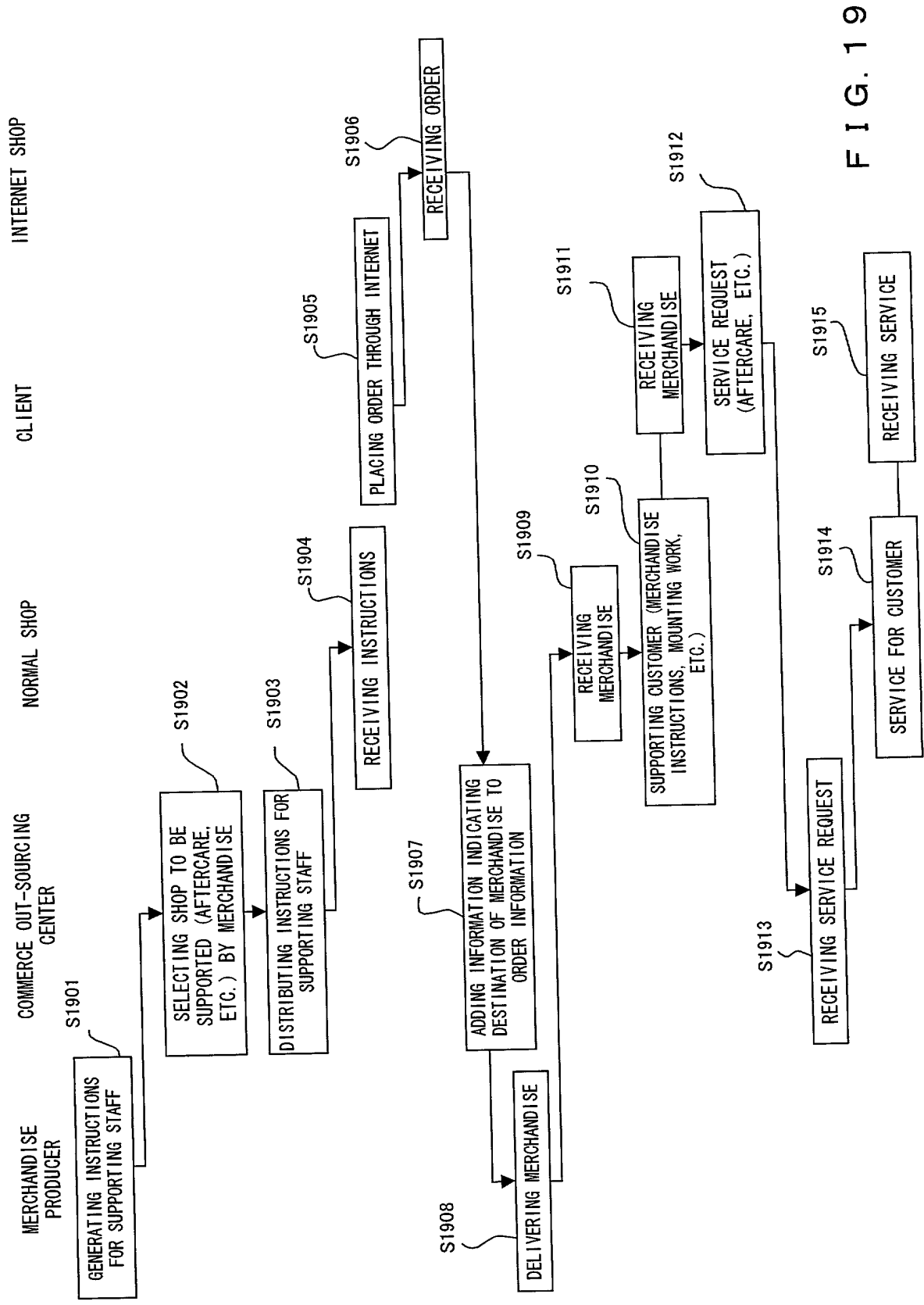


FIG. 19

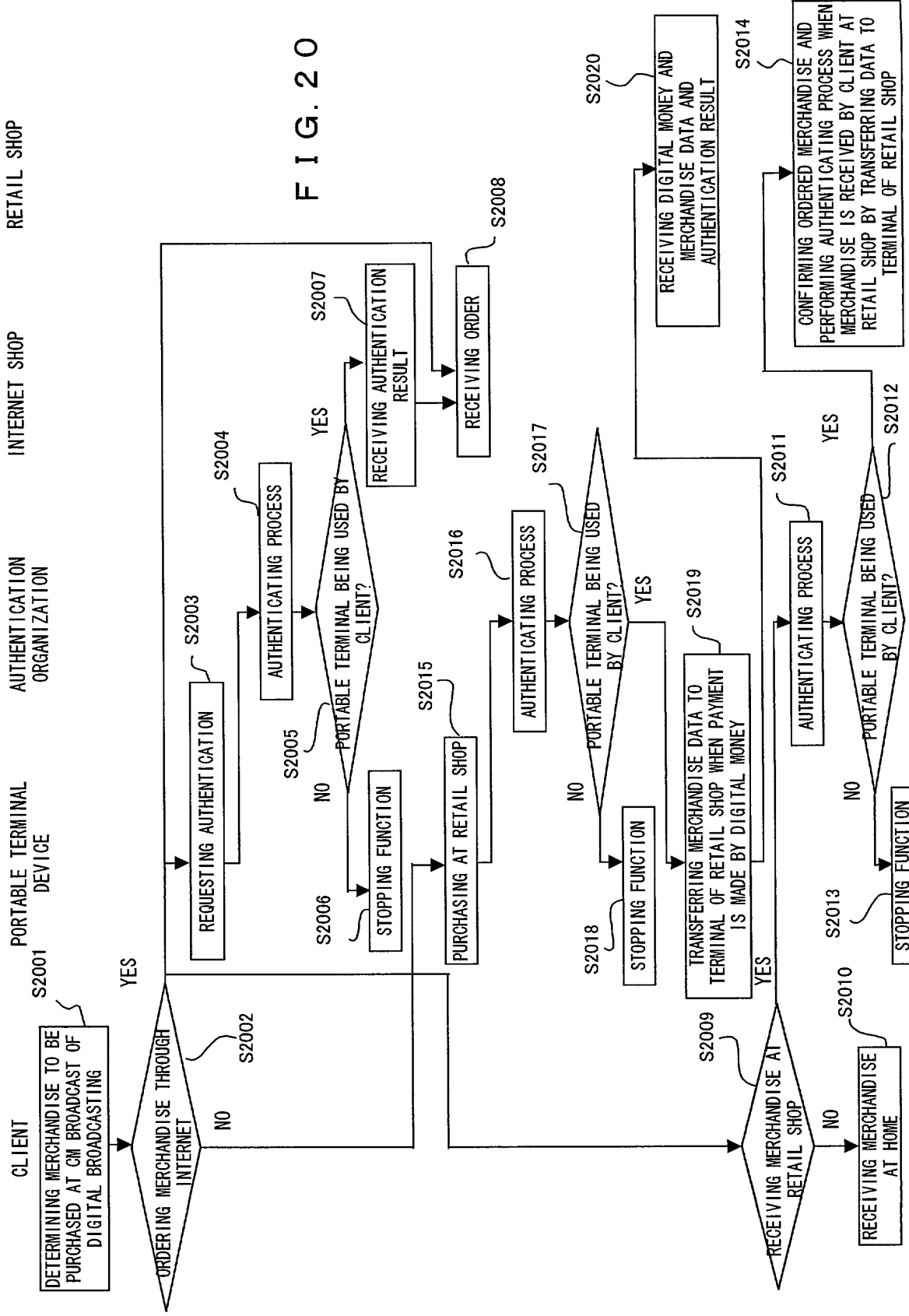


FIG. 20

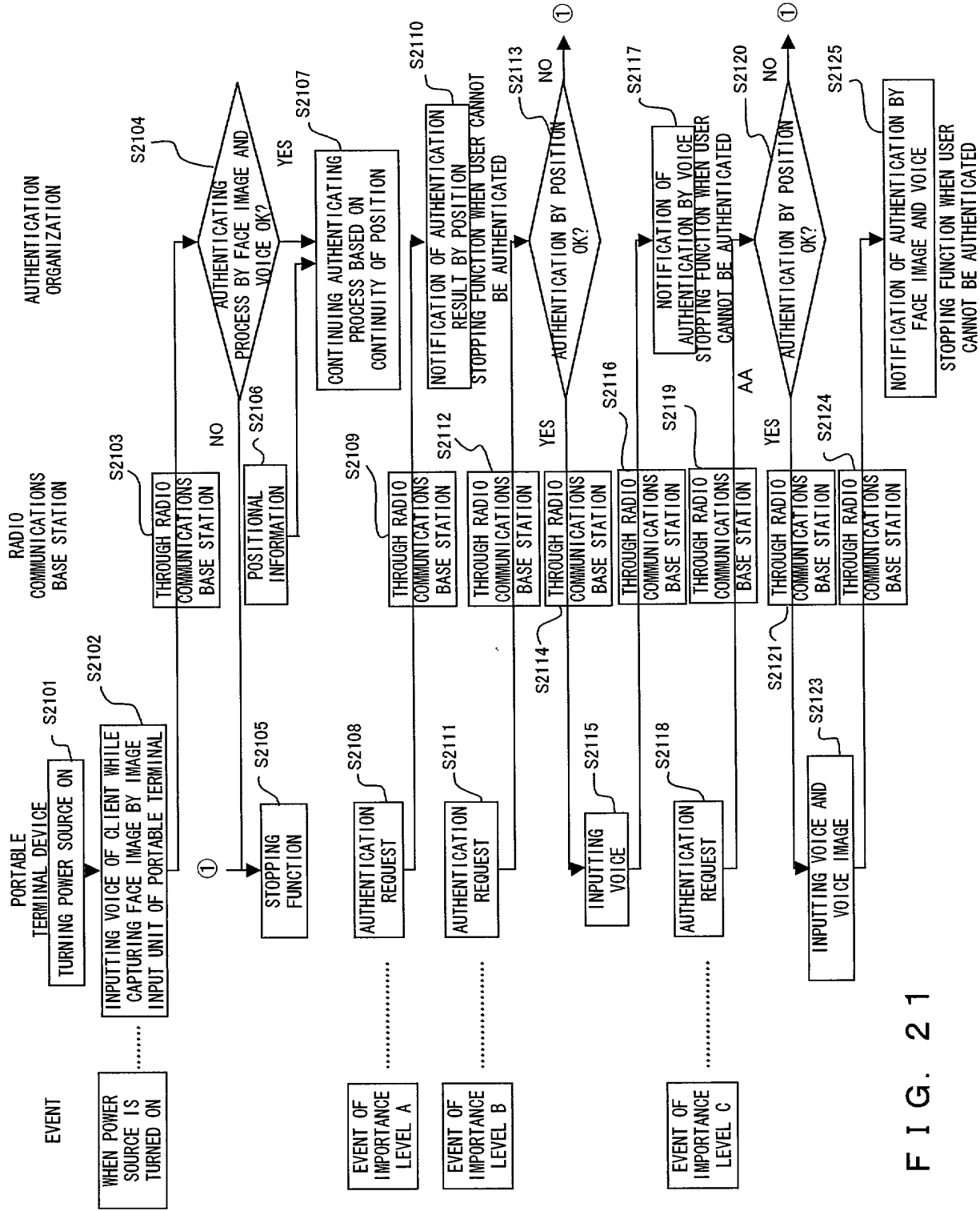


FIG. 21